



DATE: 16/01/2026

**SUBJECT: ASTORIA SERVICE BULLETIN 01/2026.**

WE ARE PLEASED TO PROVIDE YOU WITH A QUICK REFERENCE GUIDE CONTAINING THE MAIN FUNCTIONS OF THE AB200 MACHINE IN A SINGLE FILE.

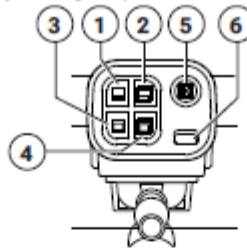
THE INSTRUCTIONS ARE DIVIDED IN THE TABLE, DISTINGUISHING BETWEEN MACHINES WITH DISPLAYS AND MACHINES WITHOUT DISPLAYS.

FOR MORE INFORMATION, PLEASE CONTACT CUSTOMER SERVICE AT [service@astoria.com](mailto:service@astoria.com)

	AB200 WITH KEYBOARD	AB200 WITH DISPLAY
MACHINE RECOGNITION	<p><b>PROCEDURE 1</b></p> <ul style="list-style-type: none"> <li>With the machine switched on, insert a generic or higher-level technical key.</li> <li>Turn off the machine</li> <li>remove generic technician or higher key</li> <li>start the machine and wait</li> </ul> <p><b>PROCEDURE 2</b></p> <ul style="list-style-type: none"> <li>With the machine switched on, press and hold the start/stop button for group 1.</li> <li>Turn off the machine.</li> <li>Switch on the machine and wait.</li> </ul>	<ul style="list-style-type: none"> <li>use the procedure for machines without a display, or</li> <li>access the technical menu</li> <li>Press the 'auto-configuration' button (icon shown here).</li> <li>Confirm auto-configuration by clicking on the v in the top right corner.</li> <li>wait for the machine to restart</li> </ul> 
SAFETY VALVE TEST (BOILER INSPECTION)	<p>New simplified 'boiler inspection' function with USB stick: simply insert a USB stick with expert or higher technical access containing the 'collaudo.txt' file to enable the boiler inspection procedure.</p> <p>As long as the key remains inserted:</p> <ol style="list-style-type: none"> <li>The operating temperature of the service boiler is temporarily set to 140 °C.</li> <li>The display of group 1 shows the pressure measured by the boiler's NTC sensor, expressed in tenths of a bar.</li> <li>The boiler overpressure alarm is disabled.</li> <li>The RGB LED light on the keyboard services flashes magenta at 1 Hz.</li> </ol>	<ul style="list-style-type: none"> <li>With the machine switched on, insert the manufacturer's key.</li> <li>access the technical menu</li> <li>access the service menu (icon on the side)</li> <li>Press and hold the RCS1 or RCS2 button.</li> <li>wait for safety valve to open</li> </ul> 
SOFTWARE UPDATE	<ul style="list-style-type: none"> <li>create a folder called upgrade on the USB stick</li> <li>Copy the *.bin update files into the upgrade folder.</li> <li>with the machine switched on, insert the USB stick</li> <li>wait for the yellow RGB LED to flash</li> <li>press the lights button on the service keyboard</li> <li>wait until the RGB light turns green</li> <li>Remove the USB stick and wait for the machine to restart.</li> </ul>	<ul style="list-style-type: none"> <li>create a folder called upgrade on the USB stick</li> <li>Copy the *.bin update files into the upgrade folder.</li> <li>with the machine switched on, insert the USB stick</li> <li>If a valid update is detected, the update icon appears on the display.</li> <li>Confirm update by clicking on the v in the top right corner.</li> <li>follow the instructions on the display</li> <li>Remove the USB stick and wait for the machine to restart.</li> </ul>

<b>EXPORT PARAMETERS</b>	<ul style="list-style-type: none"> <li>With the machine switched on and warm, insert an empty USB stick</li> <li>Activate dose programming mode by holding down the start/stop button on group 1 for 5 seconds</li> <li>Exit dose programming mode by holding down the start/stop button on group 1 for 5 seconds</li> <li>Wait for the yellow RGB LED to flash.</li> <li>Wait for the RGB light to turn green (export successful) or red (parameter export error).</li> <li>Remove the USB stick.</li> </ul>	<ul style="list-style-type: none"> <li>With the machine switched on, insert an empty USB stick</li> <li>Access the technical menu</li> <li>Press the USB button</li> <li>Press the export button (icon shown here)</li> <li>Follow the instructions on the display</li> <li>Remove the USB stick</li> </ul> 
<b>IMPORTING PARAMETERS</b>	<ul style="list-style-type: none"> <li>Create a folder called RGData on the USB stick.</li> <li>Place the Parameters.csv file in the RGData folder, or in the SN_xxxxxx subfolder, where xxxxxx is the machine serial number (this folder is present if the parameters have already been exported).</li> <li>With the machine switched on, insert a USB stick.</li> <li>Wait for the yellow RGB LED to flash</li> <li>Press the lights button on the service keyboard</li> <li>Wait for the RGB light to turn green (import successful) or red (parameter import error)</li> <li>Remove the USB stick</li> </ul>	<ul style="list-style-type: none"> <li>Create a folder called RGData on the USB stick</li> <li>Place the Parameters.csv file in the RGData folder, or in the SN_xxxxxx subfolder where xxxxxx is the machine serial number (this folder is present if the parameters have already been exported)</li> <li>With the machine switched on, insert a USB stick</li> <li>Access the technical menu</li> <li>Press the USB button</li> <li>Press the import button (icon shown here)</li> <li>Follow the instructions on the display</li> <li>Remove the USB stick</li> </ul> 

## WASHING GROUPS



- On the keyboard of the group where you want to wash, press and hold down button (5), and in quick succession (within 5 seconds), also press and hold down button (1) for at least 5 seconds.
- Buttons (1) and (2) flash: attach the previously prepared filter holder and press button (5), the washing sequence starts.
- During the washing phase, the group buttons (1) and (2) continue to flash, and on the chrono display (6), a countdown of the duration of the phase is shown.
- Once this phase is completed, the button (5), and the buttons (3) and (4) flash, waiting for the filter holder to be removed.
- Remove the filter holder and press the button (5), the rinsing sequence starts.
- During the rinsing phase, buttons (3) and (4) continue to flash, and the chrono display (6) shows a countdown of the duration of the phase.
- Once the rinsing process is complete, the group is ready to dispense coffee: replace the filter holder with the coffee filter and reattach it to the dispensing group.

### 7.1.11 Washing the dispensing groups



Before carrying out the operations described below, prepare the filter holder for washing as indicated in the para. 8.9.3 on page 58.

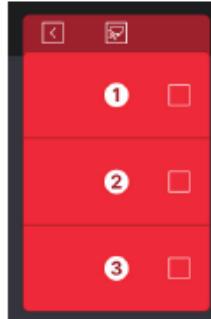


During the washing phase, only the coffee selections of the relevant groups are disabled.

In the event that the wash cycle is interrupted by switching off the machine, it will be automatically reactivated when the machine is switched back on.

Through this menu, it is possible to wash the dispensing groups. Follow the procedure indicated below:

- Inside the user menu, press the  button.

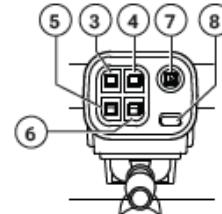


- In the screen that appears, select the group(s) you wish to wash by pressing on the tick to the right of the group number indicator: .
- Press the  button to confirm, the screen below appears:



- 1 Delivery group being washed: attach blind filter holder.
- 2 Flashing bar: waiting for washing start confirmation.

- The buttons (3), (4) and (7) on the keyboard of the relevant dispenser group and the bar (2) on the display flash
- Attach the previously prepared filter holder(s) with the blind filter.



- Press the button (7), the rinsing sequence starts.



9 Icon indicating washing phase.

10 Time bar remaining.

- During the washing phase, the group buttons (1) and (2) continue to flash, and on the chrono display (6), a countdown of the duration of the phase is shown. The same information is provided by the touchscreen display.
- Wait for the washing to be carried out. Once this phase is completed, the button (7), and the buttons (5) and (6) flash.



11 Delivery group rinsing: remove filter holder.

12 Flashing bar: waiting for rinse start confirmation.

- Remove the filter holder and press the button (7), the rinsing sequence starts.

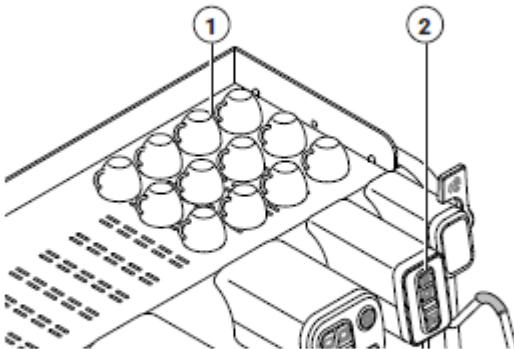


13 Icon indicating rinsing phase;

14 Time bar remaining.

- During the rinsing phase, buttons (3) and (4) continue to flash, and the chrono display (6) shows a countdown of the duration of the phase. The same information is provided by the touchscreen display.
- Once the rinsing process is complete, the group is ready to dispense coffee: replace the filter holder with the coffee filter and reattach it to the dispensing group.

## CUP WARMER



To adjust the heating intensity of the cup warmer, press the button (2) again; each flash of the button indicates the current status:

1. Low heating;
2. Mid heating;
3. High heating;
4. Off.

### Version without touchscreen display

To use the cup warmer on this version of the machine, proceed as follows:

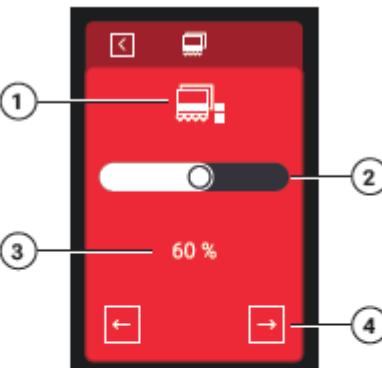
- Place the cups on the cup warmer shelf (1) of the coffee machine.
- Press the button (2) on the service keypad (2).

This menu allows you to activate and adjust the cup warmer device, proceed as follows:

- Inside the user menu, press the  button.



- Then select the cup warmer button to be adjusted.



1 Heating level indication.

2 Heating level adjustment.

3 Heating level percentage.

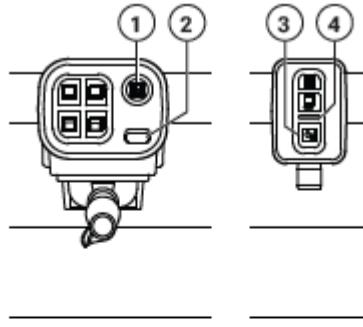
- To activate and adjust the desired heating level, slide the cursor (2).

- The icon (1) shows the currently set level, while the heating percentage is indicated below (3).

- To adjust the other keys, press key (4).

- To exit the menu press the  button.

## BOILER PRESSURE ADJUSTMENT



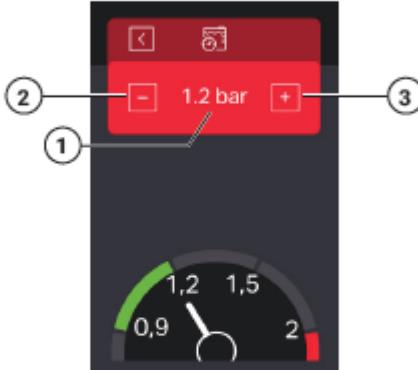
Proceed as follows:

- Press and hold down the button  (1) of the leftmost dispensing < and in quick succession (within 5 seconds), also press and hold down the hot water dispensing button  (3) for at least 5 seconds.
- The timer display (2) of the left group will show the currently set working pressure value.
- Press the button  (3) repeatedly to change it.
- Once the desired value is displayed on the display, to confirm press and hold down the button  (1) of the leftmost dispensing group: the timer display (2) will show the new set value.

### 7.1.6 Boiler pressure regulation

This menu allows you to change the operating pressure of the boiler.

- Inside the user menu, press the  button.



1 Current pressure in boiler;

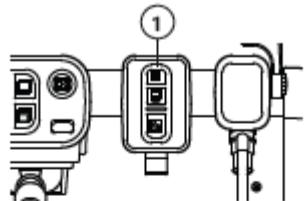
2 Decrease pressure;

3 Increase pressure;

- Press the  /  buttons to adjust the pressure, then press the  button to confirm and exit the menu.
- To exit without saving, press the  button.

## ILLUMINATION

### Version without touchscreen display



To activate the various lights, press the button  on the service keypad (1).

- When pressed for the first time, it flashes, then remains permanently lit and the group lights are activated, illuminating the work surface.
- The second press makes two flashes (then remains on) and also activates the bodywork lights\*.
- At the third press it similarly flashes three times and only the bodywork lights\* remain active.
- Pressing it a fourth time turns off all the lights.

\* present depending on the version.

#### Light intensity variation

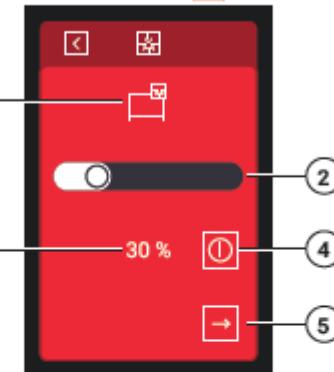
You can adjust the intensity of the lights in this way:

- Press and hold the button  (1), for at least 5 seconds.
- Press the button  (1) again: with each press the intensity of the lights currently on will be set as follows:
  1. Low;
  2. Mid;
  3. High;
  4. Max (default).

### 7.1.8 Lighting

To activate the lighting of the various zones, proceed as follows:

- Inside the user menu, press the  button.



1 Bodywork lighting.

2 Work surface lighting.

- Activate/deactivate the desired lighting with the  /  button (4).

- Adjust the light intensity of the respective zones, with the appropriate horizontal bar (2), then confirm with the  button.

- To adjust the illumination of the other machine parts, press button (5):

 Bodywork lighting.

 Worktop illumination.

 Keyboard illumination.

 Display backlighting.

- To exit the menu press the  button.

## ENERGY SAVING

- If I hold down the cup warmer button for 5 seconds, the machine enters energy-saving mode. If I hold it down for 10 seconds, it switches off.
- Energy saving/time-out mode: with the machine in energy saving/time-out mode, press the cup warmer button. Each press increases the wake-up timeout by 60 minutes.

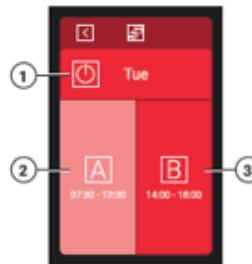
### 7.1.10 Programming the machine's Switch-On and Switch-Off function

This menu is used to programme the machine's automatic switch-on and switch-off procedures. Proceed as follows. Two different programmable time slots are available for each day. Proceed as follows:

- Inside the user menu, press the  button.



- Select the day to be scheduled:



- The screen above will appear, where:
  - 1 ON/OFF button: activates, deactivates both time slots.
  - 2 Band [A] in pink (activated).
  - 3 Band [B] in red (deactivated).
- To change the automatic switching on and off, press and hold on the band you wish to programme and follow the instructions below:



- 4 Day of the week being scheduled.
- 5 Switch-on setting.
- 6 Switch-on hour.
- 7 Switch-on minute.
- 8 Switch-off setting.
- 9 Switch-off hour.
- 10 Switch-off minute.
- Press the respective  /  buttons to adjust the time.
- To switch between the on and off screens, press the  or  button.
- Confirm with the  button.

It is possible to copy the settings of one day to another.



- In the first screen, press the copy button (11) and select the day to be copied.
- Then select the day to which the programming is to be applied. Both time slots will be applied to the selection.

 When the machine is in the programmed shutdown phase, the screen below appears on the touchscreen display.



**BOILER  
PRESSURE  
DISPLAY**

- This occurs on the digit display of group 1:
- When the machine is at operating temperature and at rest, the user can activate this function by holding down the START/STOP button of the first group and quickly pressing the double espresso button (within 5 seconds).
- The digit display of the first group will then show the pressure measured by the boiler's NTC sensor, expressed in tenths of a bar, for 60 seconds. This display is automatically removed when the time expires or if there is a change in the initial status of the machine, or it can be removed immediately by repeating the above key sequence.

- You can see it on the display
- .

GREEN	PERMANENT	Import/Export completed successfully		
	CONTINUOUS FLASH (single + pause)	Standby/Eco mode		
YELLOW	CONTINUOUS FLASHING (2 per second)	Waiting for import start		
	CONTINUOUS FLASHING (1 per second)	Parameter Import/Export USB presence with valid update		
ORANGE	CONTINUOUS FLASHING (1 per second)	Reserved end-of-line test		
RED	PERMANENT	Parameter import/export error		
	CONTINUOUS FLASH (single + pause)	Boiler failure (sensor, loading time-out, heating time-out, overpressure)		
	CONTINUOUS FLASH (double + pause)	Cup warmer failure (sensor, heating time-out, over-temperature)		
	CONTINUOUS FLASHING (triple + pause)	Board power failure		
	CONTINUOUS FLASHING (quadruple + pause)	General failure		
MAGENTA	PERMANENT	Mode inspection boiler		
	CONTINUOUS FLASHING (1 per second)	Dose self-learning mode		
CYAN	PERMANENT	Change boiler pressure mode		
BLUE	PERMANENT	Warming up		
	CONTINUOUS FLASHING (1 per second)	Loading water		
	CONTINUOUS FLASH (single + pause)	OFF mode		
WHITE	PERMANENT	Temperature		
	CONTINUOUS FLASHING (1 per second)	Loading water		
MUL	TICOL	HOURS	CONTINUOUS COLOR CHANGE	Saving correct serial number